

California Weather-Hydro Conditions during June 2013

As of June 30, statewide hydrologic conditions were as follows: precipitation, 75 percent of average to date; runoff, 60 percent of average to date; and reservoir storage, 80 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2013, observed through June 30, 2013 was about 10.8 million acre-feet (MAF), which is about 64 percent of average. For comparison during Water Year 2012, on June 30, 2012, the observed Sacramento River Region unimpaired runoff through that date was about 10.7 MAF, or about 63 percent of average.

Except for a strong, unseasonal storm near the end of the month, June continued this calendar year's very dry pattern. On June 30, the Northern Sierra 8-Station Precipitation Index Water Year total was 44.2 inches, which is about 91 percent of the seasonal average to date and 88 percent of an average water year (50.0 inches). During June, the total precipitation for the 8-Stations was 1.8 inches, which is about 180 percent of the monthly average. Last year on June 30, the seasonal total for the 8-Stations was 41.3 inches, or about 85 percent of average for the date. The combined total January through May precipitation is the driest in about 90 years of record.

On June 30, the San Joaquin 5-Station Precipitation Index Water Year total was 26.2 inches, which is about 66 percent of the seasonal average to date and 64 percent of an average water year (40.8 inches). During June, the total precipitation for the 5-Stations was 0.3 inches, which is about 50 percent of the monthly average. Last year on June 30, the seasonal total for the 5-Stations was 24.6 inches, or about 62 percent of average for the date. The combined total January through May precipitation is the driest in about 90 years of record.

Selected Cities Precipitation Accumulation as of 06/30/2013 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2012 - 2013 (in inches)	% Avg	Jul 1 to Date 2011 - 2012 (in inches)	% Avg	% Avg "Water Year" Jul 1 to Jun 30 2012- 2013
Eureka	32.31	80	40.81	101	80
Redding	28.46	82	23.62	68	82
Sacramento	15.20	82	12.21	66	82
San Francisco	16.61	70	15.64	66	70
Fresno	5.67	49	8.15	71	49
Bakersfield	3.15	49	4.93	76	49
Los Angeles	6.89	54	7.61	59	54
San Diego	6.50	63	8.03	78	63

Key Reservoir Storage (1,000 AF) as of 06/30/2013								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,812	2,125	85	2,448	74	---	636
Shasta Lake	Sacramento	2,938	3,724	79	4,552	65	-1,614	1,614
Lake Oroville	Feather	2,558	2,942	87	3,538	72	-980	980
New Bullards Bar Res	Yuba	739	828	89	966	76	-227	227
Folsom Lake	American	665	830	80	977	68	-312	312
New Melones Res	Stanislaus	1,253	1,517	83	2,420	52	-1,167	1,167
Don Pedro Res	Tuolumne	1,390	1,600	87	2,030	68	-640	640
Lake McClure	Merced	525	752	70	1,025	51	-500	500
Millerton Lake	San Joaquin	405	415	97	520	78	-116	115
Pine Flat Res	Kings	358	696	51	1,000	36	-642	642
Isabella	Kern	86	308	28	568	15	-275	482
San Luis Res	(Offstream)	425	1,350	31	2,039	21	---	1,614

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for July 2013, issued June 30, 2013, suggests no tendency for above or below average rainfall for most of California, except for the extreme southeastern portion of the State where above average rainfall is expected.